

Title (en)
MECHANISM FOR INTERNAL COMBUSTION PISTON ENGINES

Title (de)
MECHANISMUS FÜR HUBKOLBENMOTOREN

Title (fr)
MECANISME POUR MOTEURS A COMBUSTION INTERNE A PISTON

Publication
EP 1585886 B1 20130403 (EN)

Application
EP 03782005 A 20031224

Priority

- AU 0301725 W 20031224
- AU 2003900003 A 20030102
- AU 2003900267 A 20030122
- AU 2003900349 A 20030128
- AU 2003903018 A 20030616
- AU 2003904582 A 20030825
- AU 2003906039 A 20031103
- AU 2003906092 A 20031105
- AU 2003906200 A 20031111

Abstract (en)
[origin: WO2004061270A1] A rocking mechanism (12) through which linear reciprocating movement of a piston (14) of an internal combustion engine (10) can be transferred, from the remote end of a connecting rod (22) on which the piston is mounted, to a crankshaft (20). The mechanism includes: a rocking member (28); Mountings (40) by which the rocking member is mountable in relation to the crankcase (18) for the engine, for reversible rocking movement on a first axis (X1); A link member (30) pivotally connected at one end, to the rocking member so as to be pivotable relative to the rocking member on a second axis (X2) between two extreme positions; and Holding means (32)

IPC 8 full level
F01B 9/02 (2006.01); **F02B 75/04** (2006.01); **F02B 75/32** (2006.01); **F16H 21/20** (2006.01); **F16H 21/32** (2006.01)

CPC (source: EP US)
F02B 75/048 (2013.01 - EP US); **F02B 75/32** (2013.01 - EP US); **F16H 21/32** (2013.01 - EP US); **F16H 21/20** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Cited by
DE102014221250A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004061270 A1 20040722; AU 2003289758 A1 20040729; AU 2003289758 B2 20091224; EP 1585886 A1 20051019; EP 1585886 A4 20091028; EP 1585886 B1 20130403; US 2006048728 A1 20060309; US 7174863 B2 20070213

DOCDB simple family (application)
AU 0301725 W 20031224; AU 2003289758 A 20031224; EP 03782005 A 20031224; US 54122305 A 20050701